



FEMAS Sector Note No. 9 – Brewing

These Sector Notes apply to businesses producing or placing on the market Brewery By-Products for use as animal feed.

These Notes are not exhaustive, are intended to assist in the application of the corresponding requirements of the FEMAS Standard and are not to be considered in isolation.

Section 1 of these Sector Notes includes definitions of specific relevance to this sector.

Section 2 of these Sector Notes includes additional sector-specific information to assist Participants in complying with **Requirements, Interpretation, Guidance and Further Information** of the FEMAS Scheme. The FEMAS Scheme Rules provide the following definitions:

Requirement – Sets mandatory standards with which Applicants and Participants must comply to achieve and maintain certification.

Interpretation – Provides specific means for Applicants and Participants to achieve the desired outcome of the preceding Requirement. Applicants and Participants are expected to consider Interpretation and apply as relevant to their business. Failure to follow interpretation, resulting in the desired outcome of the Requirement not being achieved will lead to a non-conformance being raised against the requirement.

Guidance – Non-mandatory suggestions of useful tools and techniques for achieving and maintaining compliance or continuous improvement.

Further information – External sources of useful information, typically including references/web links to documents or other sources of information.

NOTE: Revisions introduced in this edition of the Sector Notes are highlighted in Blue.

1 Definitions

Brewery By-Products	Products surplus to brewing industry requirements, which were manufactured for human consumption in full compliance with applicable food law but which are no longer intended for human consumption for practical or logistical reasons, and brewery by-products derived from the production of brewery products for human consumption, offered as animal feed; including but not limited to brewers' grains, inactivated yeast, fruit pomace and feed beer.
----------------------------	--

2 Sector-Specific Notes

HACCP and Feed Safety Risk Assessment		
B 1.7	Interpretation	<p><i>Sector-specific potential hazards include but are not limited to:</i></p> <ul style="list-style-type: none"> • <i>Presence of N-nitrosodimethylamine (NDMA)</i> • <i>Concentration of contaminants in by-products / co-products</i> • <i>Potential presence of Mycotoxins due to growing, harvest and storage conditions</i> • <i>Any denaturant added to feed products should be feed/food compatible</i>

Raw Materials and Raw Material Suppliers		
C 1.3	Interpretation	<p><i>Sector-specific potential hazards in raw materials include but are not limited to:</i></p> <ul style="list-style-type: none"> • <i>Presence of GM products (e.g. brewing syrups produced from GM maize)</i>
E 2	Interpretation	<p><i>Where 3rd party processors are used to inactivate yeast, the Participant should ensure that the inactivation process is effective.</i></p>

Sales Contracts / Agreements / Feed Specifications		
F 1	Interpretation	<p><i>The requirements of FEMAS are unaffected where the Participant pays a third party to remove feed from his site.</i></p>
F3.2	Requirement	<p><i>Where a Participant is supplying yeast and/ or yeast products surplus to brewing industry requirements that require further processing before use as a feed material, they must ensure each delivery has a label stating: 'Former food only to be used as a feed material after inactivation'.</i></p>



Agricultural Industries Confederation Limited
First Floor, Unit 4 The Forum,
Minerva Business Park, Lynch Wood,
Peterborough, PE2 6FT.
Telephone: 01733 385230

E-mail: enquiries@agindustries.org.uk
www.agindustries.org.uk

